

GIS Users Meeting August 3rd, 2017 Minutes

Welcome by Everett Root, Office of Technology Partnerships, Center for Shared Solutions. Everett shared an announcement that starting in 2018 the GIS Users Meeting Schedule will change to quarterly. Meetings will be held in Feb, May, August and November, and will still be on the first Thursday of the month.

Federal

USGS – Charley Hickman – LiDAR and Elevation news. Michigan LiDAR(4 Counties) has become available on the USGS Website. Check for Counties: https://nationalmap.gov/3DEP/3dep_prodavailability.html#.WEa3-GlrJaQ Next round of funding will be coming available. Watch for the BAA(Broad Agency Announcement).

State

MDOT – Frank Boston – MIS server is up and running. Working on a doc for MDOT people to use that explains how to use the MIS with MicroStation. Working with statewide mobile LiDAR and getting TOMTOM samples.

MDOT – Kevin Funtik – Just starting with MDOT, getting used the new environment.

MDOT – Matt Robinson – Going through some organizational changes. Now supervising the new 6 person unit for GIS in MDOT. TAMS, hoping to go live in September. Application will track time and cost. Implementing ESRI Roads and Highways. In ArcGIS Online mapping culverts and utilities. Starting to use Story Maps. Working on Phase 3 of GUIDE, an application to map underground utilities. Upgrading to 10.4.1.

MDOT – Mike Reynolds – HPMS submitted June 15th. Done with summary reports and lane miles.

DEQ – Leni – Doing WorkPlan Maps for Brownfield assessments.

DEQ – John Esch – DEQ use of LiDAR is increasing. Kudos to CSS for the Open Data Portal. Working on story maps. Working on Trimble GPS package with Pathfinder 5.85 version.

DHHS – Stuart Eddy – Doing Case Data Development and Exchange.

DNR – Mike Rubbly – Working on Public Act 288 – Mandates that the DNR will do inventory of DNR roads and maps be made available to the public. All roads open to conventional vehicle traffic as well as ORV traffic. Using Arc GIS Online to make 75,000 line edits. All roads in the Northern Lower Peninsula have been entered. Public is able to make comments. Online Viewer is up and running and will be available to the public in December.

DNR - Paige – Doing story maps for DNR using ArcGIS Pro.

DNR – Marshall Strong – Wildlife has been supporting efforts for ArcGIS. New improved system for Parks and Rec Areas, looking to do something similar with Wildlife and State Game areas.

Associations

Tom VanBruggen – IMAGIN – Conference at Traverse City in June was successful, doing planning for 2018 Conference. Planning a workshop for ArcGIS Online, Sharing Web Maps, and Story Maps. It will be either the week of October 16th, or the week of October 23rd. To be held in Lansing possibly at the West LCC Campus. There will be a small registration fee. IMAGIN Board planning session will be in September. IMAGIN meet ups will be starting September 21st, and will be in January and April, dates to be forthcoming. There were 40 people that attended the ESRI IMAGIN meet up in San Diego.

Trevor Floyd – MiCAMP – The save the date for the Fall Conference went out. The Conference will be September 27th to 29th. The room rates are a bit more expensive because of the later date, but it does come with the meal plan, so book early. There are still some slots open for presentations. Email at contact@micamp.org

Regional

Ann Burns – SEMCOG – Working on Data Visualizations. Park Finder map has been released. Activities can be queried on as well as park locations. Located on the Map gallery page. Updating Traffic Volume maps, Crash Location maps, Maps showing job densities. Preparing for Cloud Migration, but are behind schedule. Putting together a plan for training staff for ArcGIS Pro. SEMCOG GIS Meeting is September 7th.

Local

Chris Bessert – Kalamazoo County –Just got the new LiDAR data and are jumping right in to using it to do drain district delineation, and non-motorized trails, and building footprints. Doing 2017 parcel addressing and road updates. WMU is renaming streets and re addressing buildings on Campus so all maps will have to be updated. CIT request to replace Online Mapping. Looking at Arc GIS online. Received 2017 Pictometry Imagery, but it is leaf on again, so they will try for leaf off next year.

Andy Skelton – City of Lansing –Continuing to work in City Works associating of costs of trunklines. Doing flood analysis in ArcPro in 2D and 3D analysis.

Eric Essenburg – City of Lansing –Working asset mapping of street furniture and doing tax parcel edits.

Eric Peterson – Working on a Public Notification Web Application that creates mailing labels for tax parcel owners and occupant, and troubleshooting problems.

Trevor Floyd – St. Clair County –Hired a GIS Analyst. Working to retool GeoCortex. Got reports up and running for parcel maintenance. Updating server to 10.5.1

Kimberly Wolosiewicz – Macomb County – Doing parcel and address mapping. Lots of development going on in the county. Making maps for the Health Department map out locations of specific diseases.

Jessica Worley – Macomb County – Upgraded to 10.5.1. Partnership with Roads Department and WAZE with ESRI partnership. Another application for the Regional Chamber to manage their Michigan's auto data with a public facing map. Web application for Emergency Management for hazardous sites. Creating custom widgets for reporting incident analysis. Getting a quote for a Geo Event Server to use WAZE.

Sandon Lettieri – Livingston County – Completely revised the map and data pricing, the county parcels are now \$10,000.00. Map prices did increase some to offset the cost. Set up a publically assessable Parcel Viewer, but the print functionality was not working till the upgrade to 10.5. Updating parcels, roads and addresses.

Jon Merrick – Eaton County –Took pilot certification exam and passed for drones. Getting equipment in house to start a pilot program to use drones for County business. Upgraded to 10.5.1, for server and desktop.

Shane Pavlak – Ottawa County –Have a new programmer onboard and are getting that person up to speed. Will be upgrading to 10.5.1, and will upgrade GeoCortex to that as well. Interested in changing pricing schedule for Ottawa County parcels. Have an intern that is developing an application using campus place locator web application builder to build a county building search service. Just got the ability to export out just the tabular portion of data for a charge by area that is requested.

Susan Moore – Oakland County – Oblique imagery is done and will be rolled out. Rolling out ArcGIS Online to all their communities accounts to ago.org. Added new page to Open Data Portal on Opioid epidemic. Starting to think about LUCA. Haven't received registration letter yet, but trying to get the process in place to get the addressing done. Rolled out a new web application for Tax Reverted Land Sales. Thinking about migrating to 10.6.

Tom Van Bruggen – Muskegon County –Upgraded to 10.5. Creating new database and cleaning it up. All parcel data is now in the parcel fabric. Updating all Web Applications. Making an Elections Reporting Application for the election next week.

Other

Clare Peterson – MSU Invasive Species – Getting Smart phone applications and Web sites updated.

Sam Bialorucki – Peipei Lin - Spicer – Using ESRI Collector for maintenance and inspection. Developed database tables with attachments linking them back to work orders. Using ArcPro. There is an ESRI webinar for experienced ArcMap users to help transition them to ArcPro. Working on developing reporting applications using python and builder and hosting on the server for Drain Commissions to do drain inspections and the tool will spit out photos and related information from collector. Also an application to do maintenance notification with mailing labels. Working with DNR on Wetland mitigation application.

Mike Cousins – OHM Advisors – Working on SAW Grants. AGO Work with dashboard, collector and explorer. Creating custom maps for clients. Working to

convert from Desktop to ArcGIS Online for Municipalities. Lots of ArcGIS work and Survey 123. Have a UAV Program, flying the mesh, using infrared flying imagery. 3d Processing and LiDAR. Sustainability planning. Doing Smart Cities work. Start converting to ArcPro. Excited to try Trimble Catalyst.

Bob Goodwin – MSU RS&GIS – Macomb County road mapping. Lots of training activities. ArcMap training and Drone to GIS training. Just got an agreement with a Cemetery Mapping software company doing all their GIS cemetery mapping. Doing lots of drone flying. Have 3 certified pilots. Have a problem flying over people not involved in the operation, you need a waiver. Can use a tethered drone. Looking to integrate LiDAR Derivatives into the Imagery Archive.

Justin Booth has moved to MSU IT Services. So there is a new director at RS & GIS

April Kibby – Wightman & Associates – Southwest Michigan GIS Users Group meeting will be the end of September, first of October in Kalamazoo area. Wrapping up SAW projects. Doing GIS Training for Clients on AGO, Explorer and Collector and soon Pro. Work Application in beta testing.

Bailey Glassford – Wightman & Associates – Working on a proposal for the Kalamazoo County Drain Commission, and Hydro Vector flows for SAW Grants.

Amanda Tickner – MSU Library – Just finished teaching a Gifted Students program in GIS. Teaching QGIS Workshops, Survey123, and Arc GIS Online as well as Map and Compass Workshops. Classes will be listed online shortly.

Chris Donais - Great Lakes Water Authority – Developing a task and production environment, centralized all data and syncing asset management with GIS, and training staff on Arc GIS Online.

Chad Collins – InfoGeographics – Doing SAW Grants, Electrical GIS. GeoConnector product for extract transform and load operations. Doing Mobile Applications most recently the Cherry Festival Application which had 40,000 downloads, and 2 million page visits. GeoCortex workflow 5 implementation.

Trevor Floyd – Grace Program – Presented at the IMAGIN Conference. Placed 93 Student Interns for the summer. GRACE will be offering the program for a 3rd year, so there will be internships for next summer. Collaborators role has been created. Collaborators can receive pay. Students will be presenting projects at MiCAMP. The Student from Monroe County won a prize at the ESRI Conference for a Story Map. 300 Student internships available for next summer.

Morning Special Topic

LiDAR and Contours Partnership Opportunity: Acquisition of Quality Level 2 LiDAR covering numerous Michigan counties funded by FEMA and NRCS via the MiSAIL program has generated a large amount of data, and a very high level of demand for that data. A level of demand that CSS does NOT have the resources to meet. As the USGS is experiencing delays in its effort to make the data publically available, CSS has implemented a NEW partnership program.

Imagery for GIS Data Exchange Partnership Opportunity: Since the inception of the statewide imagery program in 2010, the State has required partner funds to enable the program to maintain financial sustainability. We are pleased to announce that increased funding levels combined with reduced costs in our current contract will allow us to eliminate the need for local partner funding. Starting in 2018, counties can exchange their local, authoritative GIS data for a copy of 12" aerial photography.

Results of the recent survey regarding the GIS Users Meeting:

A discussion of the 2017 ESRI User Conference: What were your impressions of the conference and what is in store for the coming year.

Afternoon Educational Topic

LiDAR Workshop - A presentation from Joel Nelson, University of Minnesota, and Jim Giglierano, Wisconsin GIO. They have developed a 2-day, hands-on, LiDAR workshop that has proven to be very successful in Minnesota and Wisconsin, and have offered to help us set up something similar in Michigan. Their presentation will provide an overview, and a discussion opportunity, to help us determine if there is sufficient interest to pursue this in Michigan.

Next Generation of the Michigan Geographic Framework –The Center for Shared Solutions has been working for the past 18 months to develop the plan for the next generation of the MGF. We're very pleased to announce that the Next Generation MGF Project has kicked off with the vendors now in place.